Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 29 Jan 2021 until 23:59 on Saturday 30 Jan 2021

Forecast Issued on Friday 29 Jan 2021 at 03:58

Confidence: High for overall developments, but medium in detail from Sunday and also lower confidence for amounts of snow over the weekend.

Headline for Friday 29 Jan 2021: Some rain at first, but becoming drier and a little brighter in morning. Cloud thickening again in afternoon to bring patchy sleet or snow.

Mountain weather hazards on Friday 29 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG				
Fog	Fog	Dull	Light snow	Light snow	Light snow
Precipitation probability					
30%	10%	10%	50%	40%	30%

Forecast for Friday 29 Jan 2021

Weather: A rather cloudy day. Outbreaks for rain and drizzle are possible throughout, but also plenty of drier intervals. Through the afternoon, freezing levels are expected to fall with any showers turning to snow across the higher hills, mainly above 500m. Showers largely easing during the evening.

Chance of cloud free mountain/hill tops above 600m: 30% throughout.

Visibility: Cloud will obscure hills above 500m, whilst below the cloud views will be good at times, but falling to moderate or poor in any showers. Visibility becoming very poor on the tops during any afternoon or evening snow.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 29 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/24 W	14/19 W	14/19 NW	13/18 N	13/20 NE	15/23 NE	18/27 E
300	11/23 W	9/19 NW	9/18 NW	10/18 N	10/19 NE	11/22 NE	12/25 E
Valley	7/18 W	4/12 NW	7/14 NW	8/16 N	8/17 NE	10/22 E	11/24 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-2	3/-2	2/-3	0/-5	-1/-7	-1/-8
300	5/2	5/2	6/3	4/1	3/-1	2/-3	1/-4
Valley	6/4	6/4	7/4	6/3	4/1	3/-1	2/-2
Freezing Level*	1100m	1100m	1100m	800m	600m	500m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Most hills will have good conditions for much of the day, especially at low levels. It will turn cold, especially by the afternoon, with some snow possible, so sufficient warm layers vital.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 29 Jan 2021	30.8mm	34mm	39.6mm

Forecast for Saturday 30 Jan 2021

Weather: Dry overnight, but cold, leading to a widespread freeze at all levels. A dry, but rather cloudy day follows, with just the outside chance of a light snow shower or two. Perhaps the odd glimpse of some afternoon winter sunshine. Feeling especially cold in the brisk easterly breeze. Turning very cold after dark, with a rapid freeze at all levels.

Maximum wind: Easterly 30-40mph gusting 45-55mph, easing to 20-25mph gusting 30-40mph by the afternoon

Chance of cloud free mountain/hill tops above 600m: 70%.

Visibility: Whilst poor amongst any broken cloud above 600m, views will remain largely excellent and wide ranging across the Dales. Some reductions possible in any snow showers, but these are likely to brief and mostly light.

Temperature: **Valleys:** Minus 1 Celsius rising to Plus 2 Celsius
At 600m: Minus 3 Celsius
Freezing level: Valley floors, rising to 100m through the day.

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